# Brain Injury

## Contents of Volume 10 1996

Volume 10, Number 1, January 1996

Contents:

*Original papers:*
Self-awareness of deficits in adults with traumatic brain injury: how best to measure?
*J. M. Fleming, J. Strong and R. Ashton* 1

Use of a comprehensive programme of external cueing to enhance procedural memory in a patient with dense amnesia
*S. K. Kime, D. G. Lamb and B. A. Wilson* 17

Relatives' perceptions of role change, social support and stress after traumatic brain injury
*J. Leathem, E. Heath and C. Woolley* 27

Vocational outcome of aphasic patients following severe traumatic brain injury
*M. Gil, M. Cohen, C. Korn and Z. Groswasser* 39

Incidence of mild and moderate brain injury in the United States, 1991
*D. M. Sosin, J. E. Sniezek and D. J. Thurman* 47

Obsessive–compulsive disorder after closed head injury: review of literature and report of four cases
*R. Kant, L. Smith-Seemiller and J. D. Duffy* 55

*Review of subject:*
Level of care options for the low-functioning brain injury survivor
*W. C. Walker, J. S. Kreutzer and A. D. Witol* 65

*Book review* 77

*Announcement* 78

Volume 10, Number 2, February 1996

*Original papers:*
Attention deficits and dual task demands after mild traumatic brain injury
*K. D. Cicerone* 79

Language performance of severely closed head injured children
*F. M. Jordan and R. Ashton* 91

Neuropsychological deficits following concussion
*D. Maddocks and M. Saling* 99

Constructing arousal profiles for vegetative state patients—a preliminary report
*S. L. Wilson, D. Brock, G. E. Powell, H. Thwaites and K. Elliott* 105

Late rehabilitation for closed head injury: a follow-up study of patients 1 year from time of discharge
*S. I. Anderson, C. L. Wilson, I. P. McDowell, B. Pentland, J. M. Gray and I. H. Robertson* 115

Clients' view of neuropsychological rehabilitation
*J. Pössl and D. Y. von Cramon* 125

Staff stress in head injury rehabilitation
*M. D. van den Broek and R. Lye* 133

Trends in incidence of hospitalization for traumatic brain injury in Wisconsin from 1989 through 1992
*R. L. Harmon, M. J. Hodgson and J. D. Cobb* 139

Amphetamine in recovery from brain injury
*A. Hornstein, L. Lennihan, G. Seliger, S. Lichtman and K. Schroeder* 145

*Case study:*
Late cognitive and behavioural improvement following treatment of disabling orthopaedic complications of a severe closed head injury
*P. Denys, P. Azouvi, P. Denormandie, C. Samuel, A. Patel and B. Bussel* 149

*Case report:*
Hemiballismus following closed head injury
*R. Kant and D. Zeiler* 155

Volume 10, Number 3, March 1996

*Review:*
Minor head injury: attempts at clarifying the confusion
*M. Y. Kibby and C. J. Long* 159

*Original papers:*
Post-concussive syndrome: paraclinical signs, subjective symptoms, cognitive functions and MMPI profiles
*R. Cattelani, M. Gugliotta, A. Maravita and A. Mazzucchi* 187

Traumatic brain injury, alcohol and quantitative neuroimaging: preliminary findings
*E. D. Bigler, D. D. Blatter, S. C. Johnson, C. V. Anderson, A. A. Russo, S. D. Gale, D. K. Ryser, S. E. Macnamara and B. J. Bailey* 197

Factors influencing failure to return to work due to traumatic brain injury
*A. I. Greenspan, J. M. Wrigley, M. Kresnow, C. M. Branche-Dorsey and P. R. Fine* 207

Modification of perseverative behaviour in an adult with anoxic brain damage
*S. Matthey* 219

*Treatment methodology:*
Guiding of behaviour through redirection in brain injury rehabilitation
*H. K. Yuen and P. Benzing* 229

*Book reviews* 239

Volume 10, Number 4, April 1996

*Original papers:*
The prevalence of agitation and brain injury in skilled nursing facilities: a survey
*A. P. Wolf, A. D. Gleckman, D. X. Cifu and P. C. Ginsburg* 241

Static and dynamic assessment practices after head injury
*R. J. Rees and C. J. Storry* 247

Relationship between muscular tone, movement and periarticular new bone formation in postcoma–unaware (PC-U) patients
*A. Tsur, L. Sazbon and M. Lotem* 259

Reliability of early motor function testing in persons following severe traumatic brain injury
*B. R. Swaine and S. J. Sullivan* 263

Neuropsychological rehabilitation of mild traumatic brain injury
*K. D. Cicerone, L. C. Smith, W. Ellmo, H. R. Mangel, P. Nelson, R. F. Chase and K. Kalmar* 277

The spectrum of emotional distress and personality changes after minor head injury incurred in a motor vehicle accident
*R. S. Parker* 287

Age and recovery from brain injury: clinical opinions and experimental evidence
*C. Webb, F. D. Rose, D. A. Johnson and E. A. Attree* 303

An integrated approach to team assessment in head injury
*R. Body, C. Herbert, M. Campbell, M. Parker and A. Usher* 311

Volume 10, Number 5, May 1996

*Original papers:*
Psychiatric disorders after traumatic brain injury

*R. van Reekum, I. Bolago, M. A. J. Finlayson, S. Garner and P. S. Links* 319

Assessment of pragmatic communication skills in adolescents after traumatic brain injury
*L. S. Turkstra, S. McDonald and P. M. Kaufmann* 329

Longitudinal profile of early motor recovery following severe traumatic brain injury
*B. R. Swaine and S. J. Sullivan* 347

Screening of health risk factors prior to exercise or a fitness evaluation of adults with traumatic brain injury: a consensus by rehabilitation professionals
*A. E. Vitale, S. J. Sullivan, L. W. Jankowski, J. Fleury, C. Lefrançois and E. Lebouthillier* 367

Chronic elemental mercury intoxication: neuropsychological follow-up case study
*M.-S. Hua, C.-C. Huang and Y.-J. Yang* 377

Microvascular leakage in mouse pial venules induced by bradykinin
*T. Yong and D. S. Linthicum* 385

*Book review* 395

Volume 10, Number 6, June 1996

*Original papers:*
The Profile of Functional Impairment in Communication (PFIC): a measure of communication impairment for clinical use
*R. J. Linscott, R. G. Knight and H. P. D. Godfrey* 397

Brain injury in the Commonwealth of Virginia: an analysis of Central Registry data, 1988–1993
*P. T. Diamond* 413

Motor profile of patients in minimally responsive and persistent vegetative states
*M. Pilon and S. J. Sullivan* 421

Behavioural adjustment and parental stress associated with closed head injury in children
*D. K. Sokol, C. F. Ferguson, G. A. Pitcher, G. A. Huster, K. Fitzhugh-Bell and T. G. Luerssen* 439

Use of clonidine for treatment of spasticity arising from various forms of brain injury: a case series
*J. T. Dall, R. L. Harmon and C. M. Quinn* 453

Urinary incontinence in brain injury
*K. Oostra, K. Everaert and M. van Laere* 459

*Case study:*
Extent of intellectual, cognitive, and academic decline in adolescent traumatic brain injury
*A. Z. Vieth, B. Johnstone and B. Dawson* 465

*Book review* 471

Volume 10, Number 7, July 1996

*Original papers:*
Reaction time and variability 5 and 10 years after traumatic brain injury
*C. R. Hetherington, D. T. Stuss and M. A. J. Finlayson* 473

Prevalence of impairments 5 years after a head injury, and their relationship with disabilities and outcome
*F. Masson, P. Maurette, L. R. Salmi, J-F. Dartigues, J. Vecsey, J-M Destaillats and P. Erny* 487

Everyday memory following traumatic brain injury
*G. Kinsella, D. Murtagh, A. Landry, K. Homfray, M. Hammond, L. O'Beirne, L. Dwyer, M. Lamont and J. Ponsford* 499

Behavioural differences between patients who emerged from vegetative state and those who did not
*S. L. Wilson, G. E. Powell, D. Brock and H. Thwaites* 509

Early experience of the utility of the European Head Injury Evaluation Chart
*S. Cudmore and B. Pentland* 517

Utility of a verbal reasoning test in indicating vocational readiness following traumatic brain injury
*S. Macdonald and C. J. Johnson* 531

*Therapy methodology:*
Riding the bus: teaching an adult with a brain injury to use a transit system to travel independently to and from work
*E. D. Newbigging and J. W. Laskey* 543

Volume 10, Number 8, August 1996

*Original papers:*
Miserable minority: emotional risk factors that influence the outcome of a mild traumatic brain injury
*R. M. Ruff, L. Camenzuli and J. Mueller* 551

Incidence and aetiology of head injury in a New Zealand adolescent sample
*C. Body and J. Leatham* 567

Outcomes in traumatic brain injury: self-report versus report of significant others
*S. Tepper, P. Beatty and G. DeJong* 575

Treatment of motor aprosodia with pitch biofeedback and expression modelling
*A. Y. Stringer* 583

Pathological laughter and crying in patients with closed traumatic brain injury
*G. Zeilig, D. A. Drubach, M. Katz-Zeilig and J. Karatinos* 591

Cognitive deficits after hepatic transplantation: relevance to the rehabilitation potential
*P. E. Kaplan, D. M. Clinchot and J. A. Arnett* 599

*Case study:*
Akathisia resulting from traumatic brain injury
*B. V. Silver and S. A. Yablon* 609

*New methodology:*
The Coma Exit Chart: assessing the patient in prolonged coma and the vegetative state
*E. A. Freeman* 615

*Book Review* 625

Volume 10, Number 9, September 1996

*Editorial response:*
An editorial response to Smith–Knapp *et al.*'s 'Predicting independence from neuropsychological tests following traumatic brain injury'
*B. Johnstone* 627

*Original papers:*
Outcome of intensive rehabilitation after severe brain injury: a long-term follow-up study
*P. Eames, G. Cotterill, T. A. Kneale, A. L. Storrar and P. Yeomans* 631

Predicting functional independence from neuropsychological tests following traumatic brain injury
*K. Smith-Knapp, J. D. Corrigan and J. A. Arnett* 651

The relationship of neuropsychological status and productive outcomes following traumatic brain injury
*D. Girard, J. Brown, M. Burnett-Stolnack, N. Hashimoto, S. Hier-Wellmer, O. Z. Perlman and C. Seigerman* 663

Sensitivity of the WAIS–R Verbal–Performance IQ difference and intersubtest scatter to traumatic brain injury
*C. Kraiuhin, E. A. Shores and C. Roberts* 677

Post-traumatic stress disorder in brain injury patients
*A. Ohry, J. Rattok and Z. Solomon* 687

Cervical spine movements in hemiparetic patients
*A. Tsur and P. Solzi* 697

Volume 10, Number 10, October 1996

*Subject review:*
Head injury and sexual dysfunction
*M. L. Elliott and L. S. Biever* 703

*Original papers:*
Sexual functioning following traumatic brain injury
*M. E. Sandel, K. S. Williams, L. Dellapietra and L. R. Derogatis* 719

High-level linguistic disturbances subsequent to childhood closed head injury
*F. M. Jordan, S. Cremona-Meteyard and A. King* 729

Episodic symptoms in dysfunctioning children and adolescents following mild and severe traumatic brain injury
*M. A. Roberts, W. H. Verduyn, F. F. Manshadi and M. E. Hines* 739

Post-traumatic stress disorder following minor and severe closed head injury: 10 single cases
*T. M. McMillan* 749

Air embolism in the agitated traumatic brain injury patient: an unusual complication
*R. D. Zafonte, F. D. Hammond and R. Rahimi* 759

Road to awareness: an individualized training package for increasing knowledge and comprehension of personal deficits in persons with acquired brain injury
*W. R. Chittum, K. Johnson, J. M. Chittum, J. M. Guercio and M. J. McMorrow* 763

*Book review* 777

*Letter to the editor* 779

Volume 10, Number 11, November 1996

*Review of subject:*
Ethical conflict resolution based on an ethics of relationships for brain injury rehabilitation
*J. F. Malec* 781

*Original papers:*
International Working Party on the Management of the Vegetative State: summary report
*K. Andrews* 797

Vegetative state and responses to sensory stimulation: an analysis of 24 cases
*S. L. Wilson, G. E. Powell, D. Brock and H. Thwaites* 807

Indicators of long-term family functioning following severe traumatic brain injury in adults
*J. M. Douglas and F. J. Spellacy* 819

Outcome following traumatic brain injury: a comparison between 2 and 5 years after injury
*J. H. Olver, J. L. Ponsford and C. A. Curran* 841

The use of lithium in the treatment of aggressive behaviours with two brain-injured individuals in a state psychiatric hospital
*S. B. Bellus, D. Stewart, J. G. Vergo, P. P. Kost, J. Grace and S. R. Barkstrom* 849

*Book reviews* 861

Volume 10, Number 12, December 1996

*Original papers:*
Cognitive functioning of adult survivors of cerebral hypoxia
*B. A. Wilson* 863

Subacute brain injury rehabilitation: an opportunity for medical education and training
*K. R. Bell and T. L. Massagli* 875

Patients with traumatic brain injury referred to a rehabilitation and re-employment programme: social and professional outcome for 508 Finnish patients 5 or more years after injury
*I. Asikainen, M. Kaste and S. Sarna* 883

Recovery of automatic and cognitive functions in traumatic brain injury using the functional independence measure
*S. Tofil and D. M. Clinchot* 901

Reducing Naltrexone-resistant hyperphagia using laser acupuncture to increase endogenous opiates
*A. Read, P. Beaty, J. Corner and C. Sommerville* 911

*Index of Authors* 921